

Title (en)

Sulfurpentafluoride compounds and methods for making and using the same

Title (de)

Schwefelpentafluoridverbindungen, Verfahren zu deren Herstellung sowie deren Verwendung

Title (fr)

Composés de pentafluorure soufrés et procédés de fabrication et d'utilisation de ces composés

Publication

**EP 1346996 A1 20030924 (EN)**

Application

**EP 03006214 A 20030320**

Priority

US 10421402 A 20020322

Abstract (en)

A sulfurpentafluoride and substituted silyl ethyne compound that is useful as precursors for a variety of organic compounds are disclosed. At least one of the substituents on the silicon atom is hindered. Also disclosed are high-yielding processes for making the ethyne compound of the present invention.

IPC 1-7

**C07F 7/08**; **C09K 19/04**

IPC 8 full level

**C07F 7/12** (2006.01); **C07F 7/08** (2006.01)

CPC (source: EP KR US)

**C07F 7/081** (2013.01 - EP US); **C07F 7/12** (2013.01 - KR)

Citation (search report)

- [AD] DE 19748109 A1 19990506 - MERCK PATENT GMBH [DE]
- [AD] WESSEL, J. ET AL: "Derivate der Acetylene HCCSF5 und SF5CCSF5", CHEM. BER., vol. 119, no. 2, 1986, pages 453 - 463, XP009010660

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WO2008101212A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1346996 A1 20030924**; **EP 1346996 B1 20041215**; AT E284888 T1 20050115; DE 60300207 D1 20050120; DE 60300207 T2 20060302; JP 2004035540 A 20040205; JP 2007314546 A 20071206; KR 100541590 B1 20060111; KR 20030076439 A 20030926; TW 200304438 A 20031001; TW I247737 B 20060121; US 6479645 B1 20021112

DOCDB simple family (application)

**EP 03006214 A 20030320**; AT 03006214 T 20030320; DE 60300207 T 20030320; JP 2003077065 A 20030320; JP 2007176597 A 20070704; KR 20030017769 A 20030321; TW 92105964 A 20030318; US 10421402 A 20020322